

1,1,2,2-Tetrahydroperfluoro-1-decanol
678-39-7 | DTXSID7029904

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 5.05

Global applicability domain: Inside

Local applicability domain index: 3.59e-01

Confidence level: 4.18e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>1,1,2,2-Tetrahydroperfluoro-1-decanol</div> <div>Measured: 5.58</div> <div>Predicted: 5.05</div>	<div>Image not found</div> <div>3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctan-1-ol</div> <div>Measured: 4.54</div> <div>Predicted: 4.45</div>	<div>Image not found</div> <div>1-Dodecyl-2,4-dimethylpyridin-1-ium iodide</div> <div>Measured: 1.41</div> <div>Predicted: 4.25</div>
<div>Image not found</div> <div>2-Methyl-1-tetradecylpyridin-1-ium iodide</div> <div>Measured: 2.27</div> <div>Predicted: 4.79</div>	<div>Image not found</div> <div>1-Dodecyl-3,4-dimethylpyridin-1-ium iodide</div> <div>Measured: 1.75</div> <div>Predicted: 5.59</div>	